

ABSTRACT

The arched multi-segmented ramp assembly of the present invention has the advantageous qualities of being portable, lightweight, easily deployable and storable. Identical step links have keystone-shaped sides that abut adjacent members and are joined one to the other by knuckle-like hinges, both of which structural features impart to the unrolled assembly a gently arcuate contour, thereby enhancing the ramp's strength to weight characteristics compared to ramps of the prior art. The hinge connections further permit the ramp to be rolled up for easy transport and storage. Because of its modular design, the arched ramp may be assembled using varying numbers of component step-links, thus providing a user with the flexibility to form a ramp assembly with lengths suitable for different particular applications.